

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1   | ATG | AAC | ACC | ACA | CTG | ATG | CAA | GGC | TTC | AAC | AGA | TCT | GAG | CGG | TGC | 45  |
| 1   | M   | N   | T   | T   |     | M   | Q   | G   | F   | N   | R   | S   | E   |     | C   | 15  |
| 46  | CCC | AGA | GAC | ACT | CGG | ATA | GTA | CAG | CTG | GTA | TTC | CCA | GCC | CTC | TAC | 90  |
| 16  | P   | R   | D   | T   | R   | I   | V   | Q   | L   | V   | F   | P   | A   | L   | Y   | 30  |
| 91  | ACA | GTG | GTT | TTC | TTG | ACC | GGC | ATC | CTG | CTG | AAT | ACT | TTG | GCT | CTG | 135 |
| 31  | T   | V   | V   | F   | L   | T   | G   | I   | L   | L   | N   | T   | L   | A   | L   | 45  |
| I   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 136 | TGG | GTG | TTT | GTT | CAC | ATC | CCC | AGC | TCC | TCC | ACC | TTC | ATC | ATC | TAC | 180 |
| 46  | W   | V   | F   | V   | H   | I   | P   | S   | S   | S   | T   | F   | I   | I   | Y   | 60  |
| 181 | CTC | AAA | AAC | ACT | TTG | GTG | GCC | GAC | TTG | ATA | ATG | ACA | CTC | ATG | CTT | 225 |
| 61  | L   | K   | N   | T   | L   | V   | A   | D   | L   | I   | M   | T   | L   | M   | L   | 75  |
| II  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 226 | CCT | TTC | AAA | ATC | CTC | TCT | GAC | TCA | CAC | CTG | GCA | CCC | TGG | CAG | CTC | 270 |
| 76  | P   | F   | K   | I   | L   | S   | D   | S   | H   | L   | A   | P   | W   | Q   | L   | 90  |
| 271 | AGA | GCT | TTT | GTG | TGT | CGT | TTT | TCT | TCG | GTG | ATA | TTT | TAT | GAG | ACC | 315 |
| 91  | R   | A   | F   | V   | C   | R   | F   | S   | S   | V   | I   | F   | Y   | E   | T   | 105 |
| 316 | ATG | TAT | GTG | GGC | ATC | GTG | CTG | TTA | GGG | CTC | ATA | GCC | TTT | GAC | AGA | 360 |
| 106 | M   | Y   | V   | G   | I   | V   | L   | L   | G   | L   | I   | A   | F   | D   | R   | 120 |
| III |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 361 | TTC | CTC | AAG | ATC | ATC | AGA | CCT | TTG | AGA | AAT | ATT | TTT | CTA | AAA | AAA | 405 |
| 121 | F   | L   | K   | I   | I   | R   | P   | L   | R   | N   | I   | F   | L   | K   | K   | 135 |
| 406 | CCT | GTT | TTT | GCA | AAA | ACG | GTC | TCA | ATC | TTC | ATC | TGG | TTC | TTT | TTG | 450 |
| 136 | P   | V   | F   | A   | K   | T   | V   | S   | I   | F   | I   | W   | F   | F   | L   | 150 |
| IV  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 451 | TTC | TTC | ATC | TCC | CTG | CCA | AAT | ATG | ATC | TTG | AGC | AAC | AAG | GAA | GCA | 495 |
| 151 | F   | F   | I   | S   | L   | P   | N   | M   | I   | L   | S   | N   | K   | E   | A   | 165 |
| 496 | ACA | CCA | TCG | TCT | GTG | AAA | AAG | TGT | GCT | TCC | TTA | AAG | GGG | CCT | CTG | 540 |
| 166 | T   | P   | S   | S   | V   | K   | K   | C   | A   | S   | L   | K   | G   | P   | L   | 180 |
| 541 | GGG | CTG | AAA | TGG | CAT | CAA | ATG | GTA | AAT | AAC | ATA | TGC | CAG | TTT | ATT | 585 |
| 181 | G   | L   | K   | W   | H   | Q   | M   | V   | N   | N   | I   | C   | Q   | F   | I   | 195 |
| 586 | TTC | TGG | ACT | GTT | TTT | ATC | CTA | ATG | CTT | GTG | TTT | TAT | GTG | GTT | ATT | 630 |
| 196 | F   | W   | T   | V   | F   | I   | L   | M   | L   | V   | F   | Y   | V   | V   | I   | 210 |
| V   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 631 | GCA | AAA | AAA | GTA | TAT | GAT | TCT | TAT | AGA | AAG | TCC | AAA | AGT | AAG | GAC | 675 |
| 211 | A   | K   | K   | V   | Y   | D   | S   | Y   | R   | K   | S   | K   | S   | K   | D   | 225 |
| 676 | AGA | AAA | AAC | AAC | AAA | AAG | CTG | GAA | GGC | AAA | GTA | TTT | GTT | GTC | GTG | 720 |
| 226 | R   | K   | N   | N   | K   | K   | L   | E   | G   | K   | V   | F   | V   | V   | V   | 240 |
| 721 | GCT | GTC | TTC | TTT | GTG | TGT | TTT | GCT | CCA | TTT | CAT | TTT | GCC | AGA | GTT | 765 |
| 241 | A   | V   | F   | F   | V   | C   | F   | A   | P   | F   | H   | F   | A   | R   | V   | 255 |
| VI  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 766 | CCA | TAT | ACT | CAC | AGT | CAA | ACC | AAC | AAT | AAG | ACT | GAC | TGT | AGA | CTG | 810 |
| 256 | P   | Y   | T   | H   | S   | Q   | T   | N   | N   | K   | T   | D   | C   | R   | L   | 270 |
| 811 | CAA | AAT | CAA | CTG | TTT | ATT | GCT | AAA | GAA | ACA | ACT | CTC | TTT | TTG | GCA | 855 |
| 271 | Q   | N   | Q   | L   | F   | I   | A   | K   | E   | T   | T   | L   | F   | L   | A   | 285 |
| 856 | GCA | ACT | AAC | ATT | TGT | ATG | GAT | CCC | TTA | ATA | TAC | ATA | TTC | TTA | TGT | 900 |
| 286 | A   | T   | N   | I   | C   | M   | D   | P   | L   | I   | Y   | I   | F   | L   | C   | 300 |
| VII |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 901 | AAA | AAA | TTC | ACA | GAA | AAG | CTA | CCA | TGT | ATG | CAA | GGG | AGA | AAG | ACC | 945 |
| 301 | K   | K   | F   | T   | E   | K   | L   | P   | C   | M   | Q   | G   | R   | K   | T   | 315 |
| 946 | ACA | GCA | TCA | AGC | CAA | GAA | AAT | CAT | AGC | AGT | CAG | ACA | GAC | AAC | ATA | 990 |
| 316 | T   | A   | S   | S   | Q   | E   | N   | H   | S   | S   | Q   | T   | D   | N   | I   | 330 |
| 991 | ACC | TTA | GGC | TGA |     |     |     |     |     |     |     |     |     |     |     |     |
| 331 | T   | L   | G   | *   |     |     |     |     |     |     |     |     |     |     |     |     |

Figure 1

# Figure 2

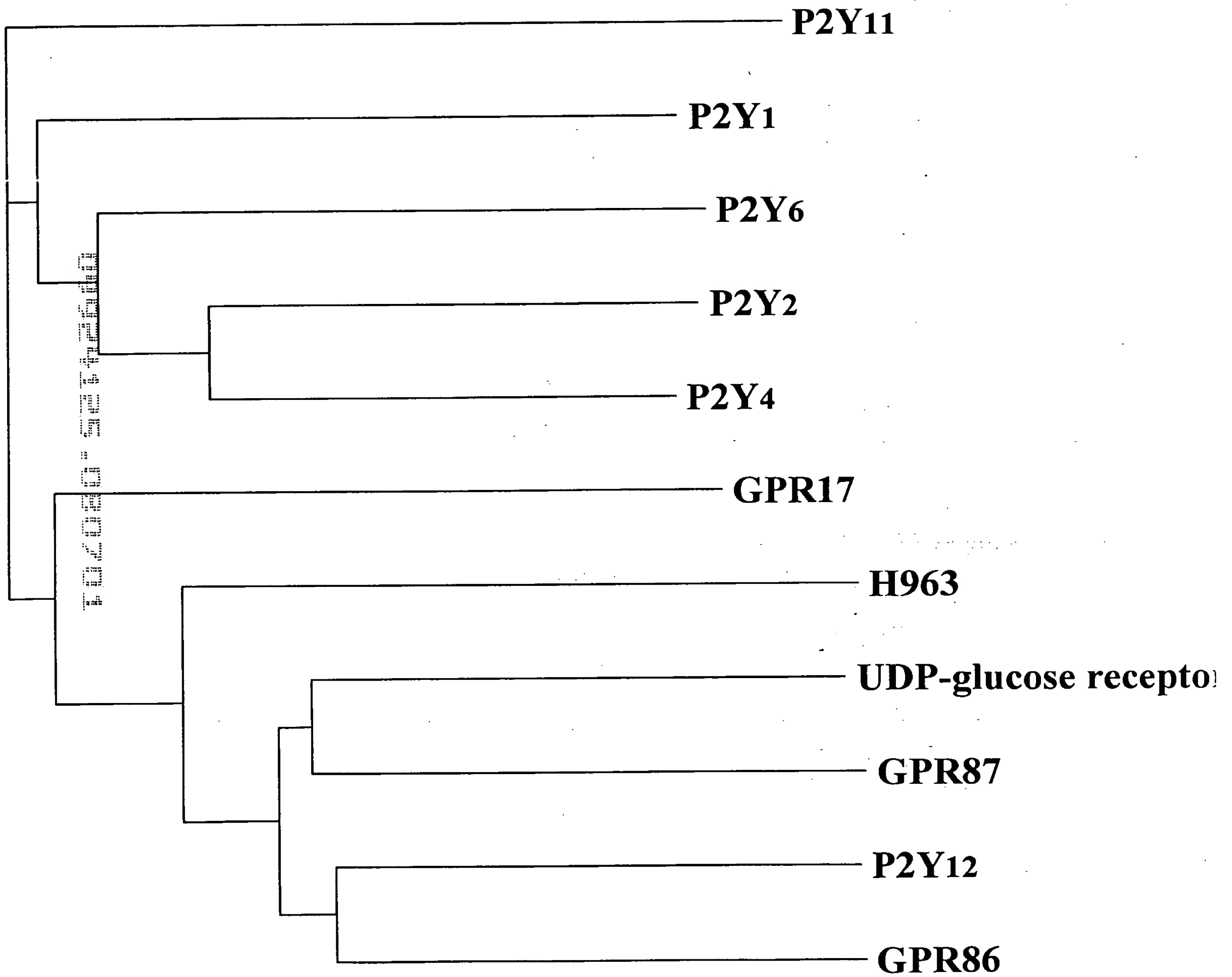
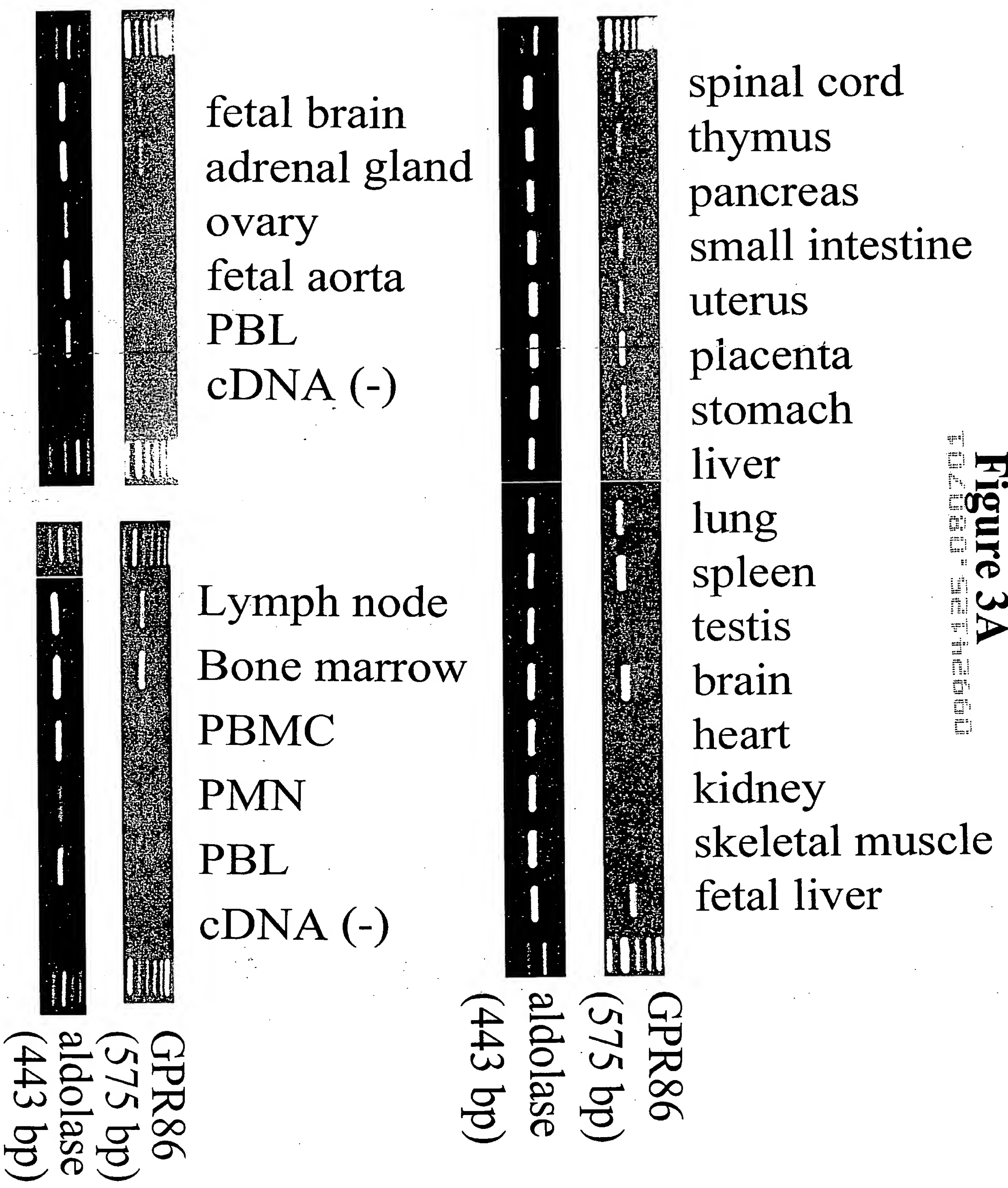


Figure 3A  
102680 SET12660



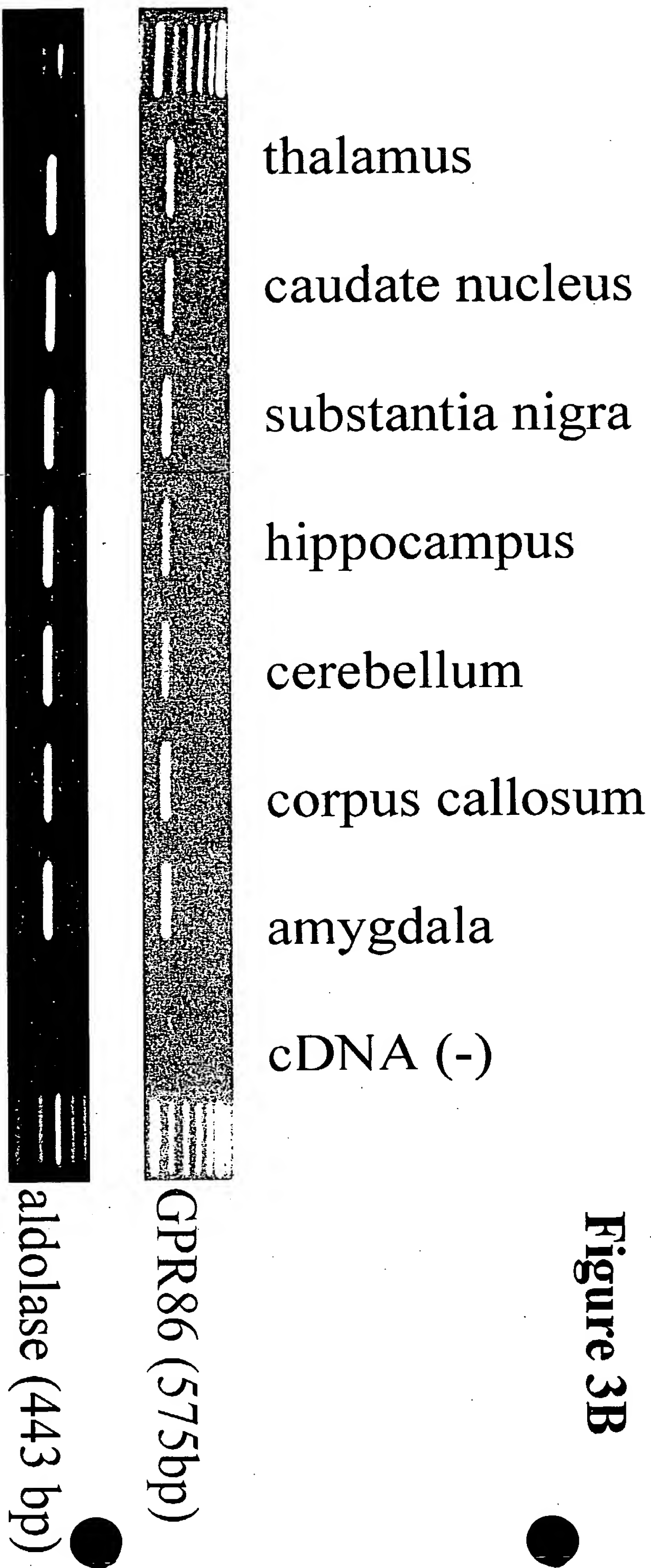
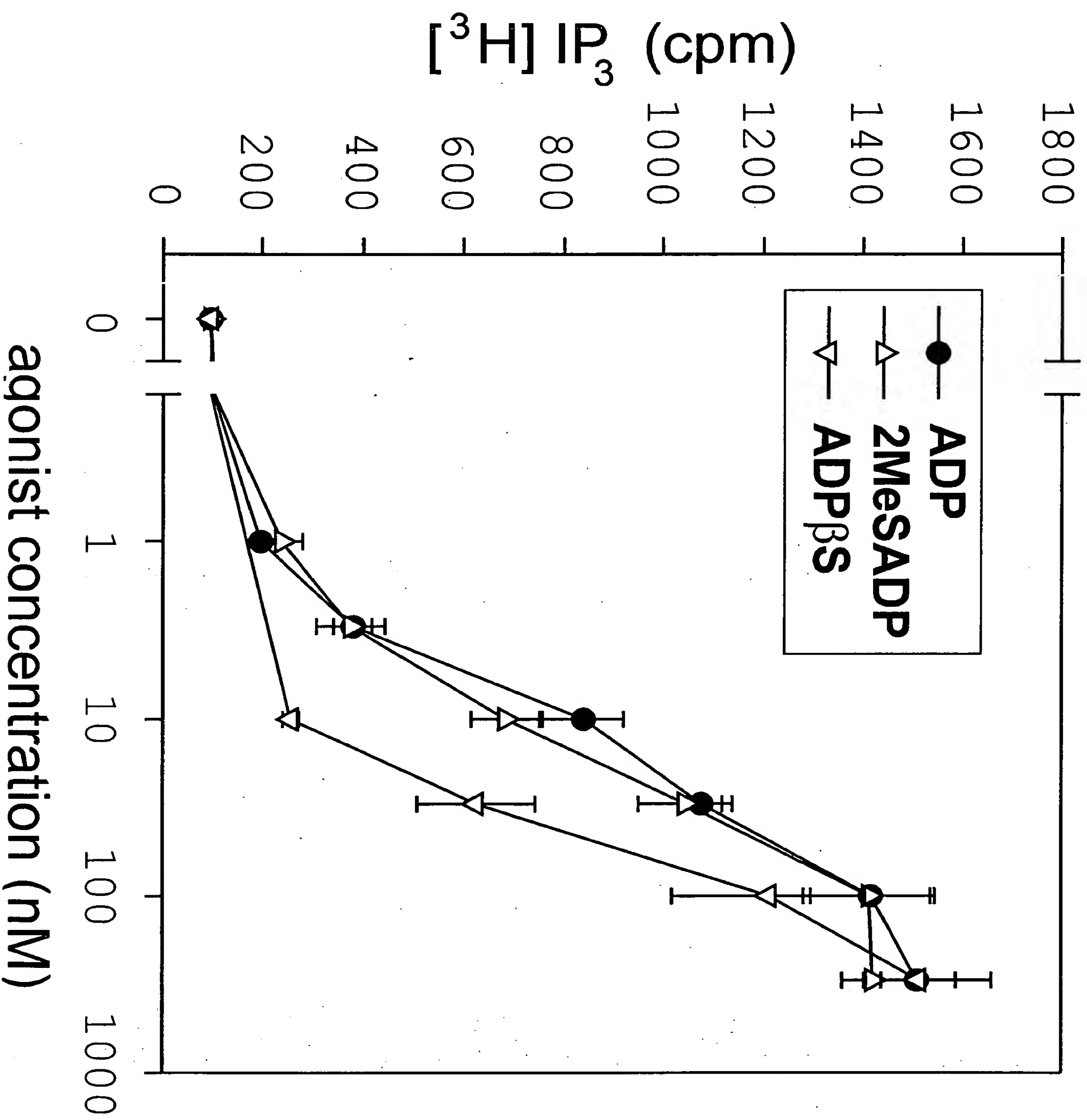
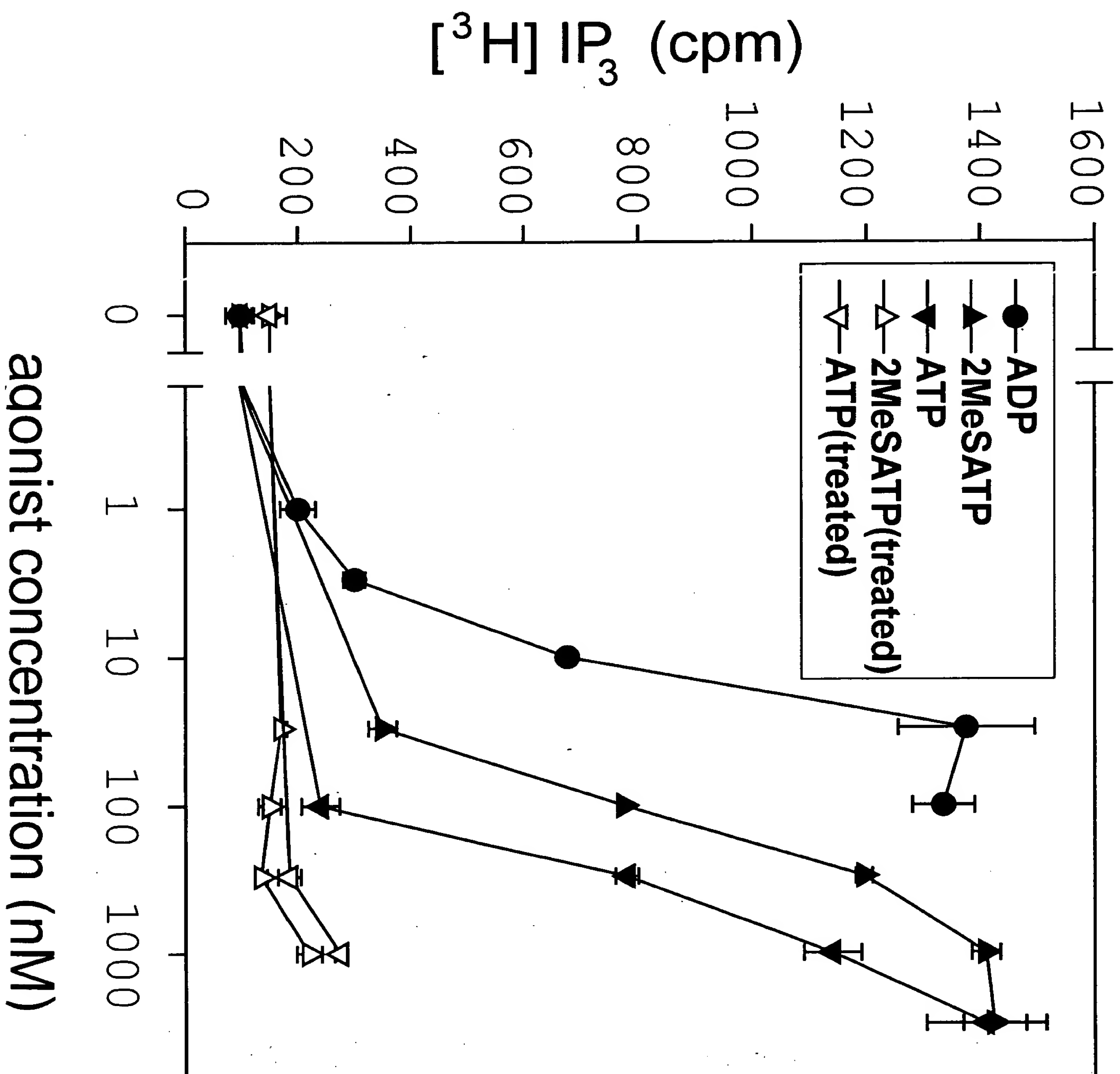


Figure 3B

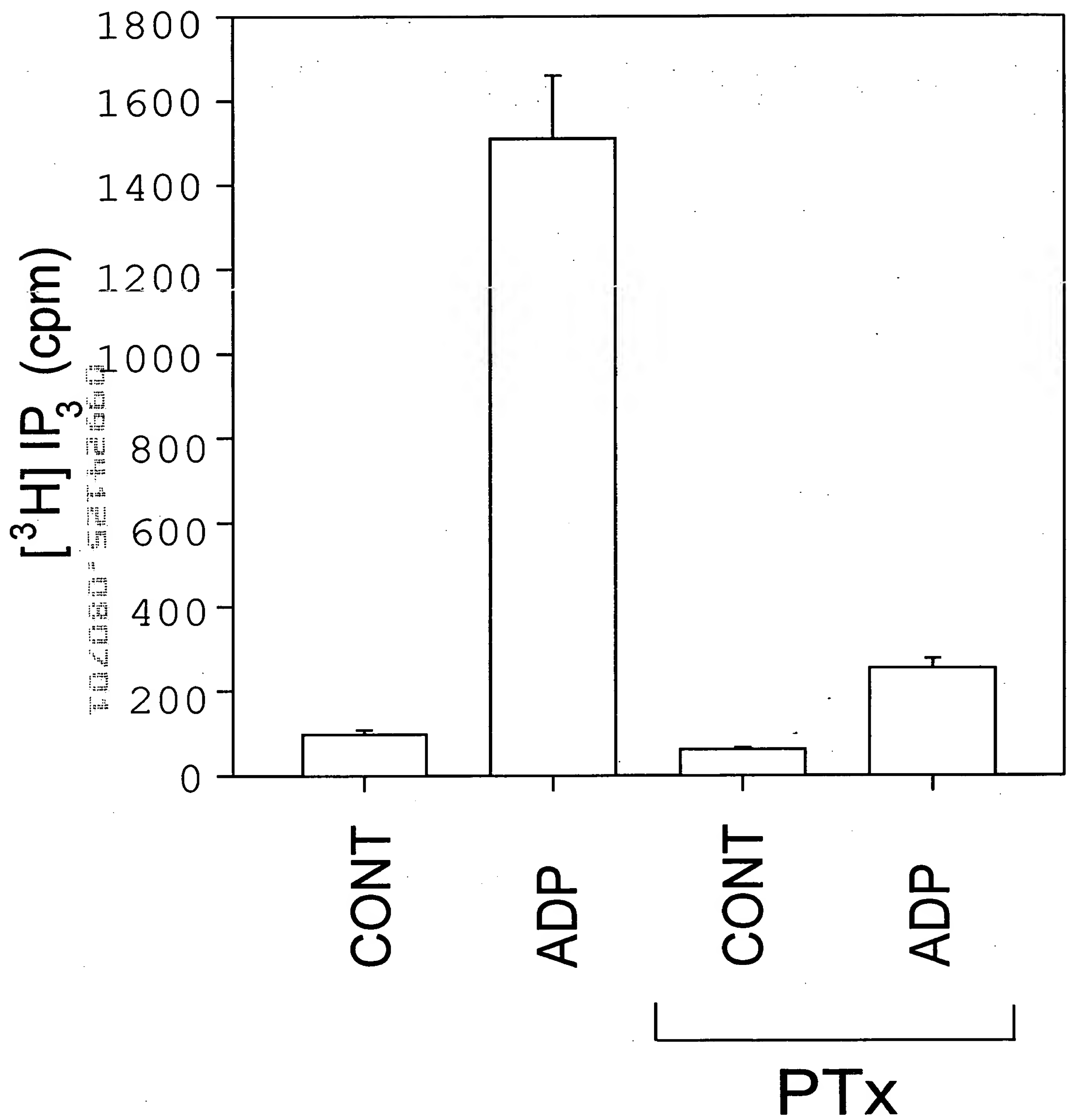
**Figure 4A**  
1022030-53712600



**Figure 4B**



**Figure 4C**



**Figure 5A**

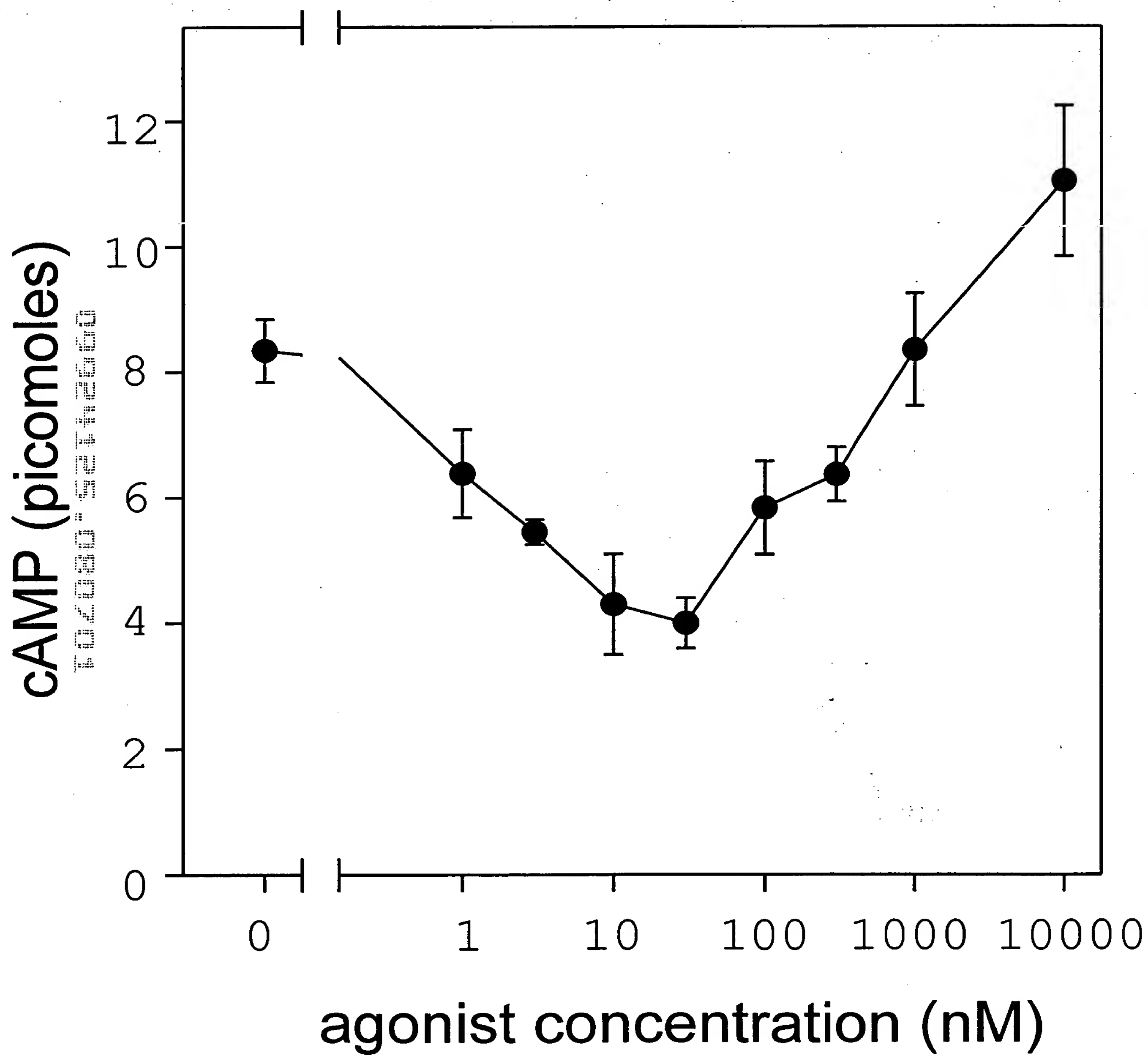
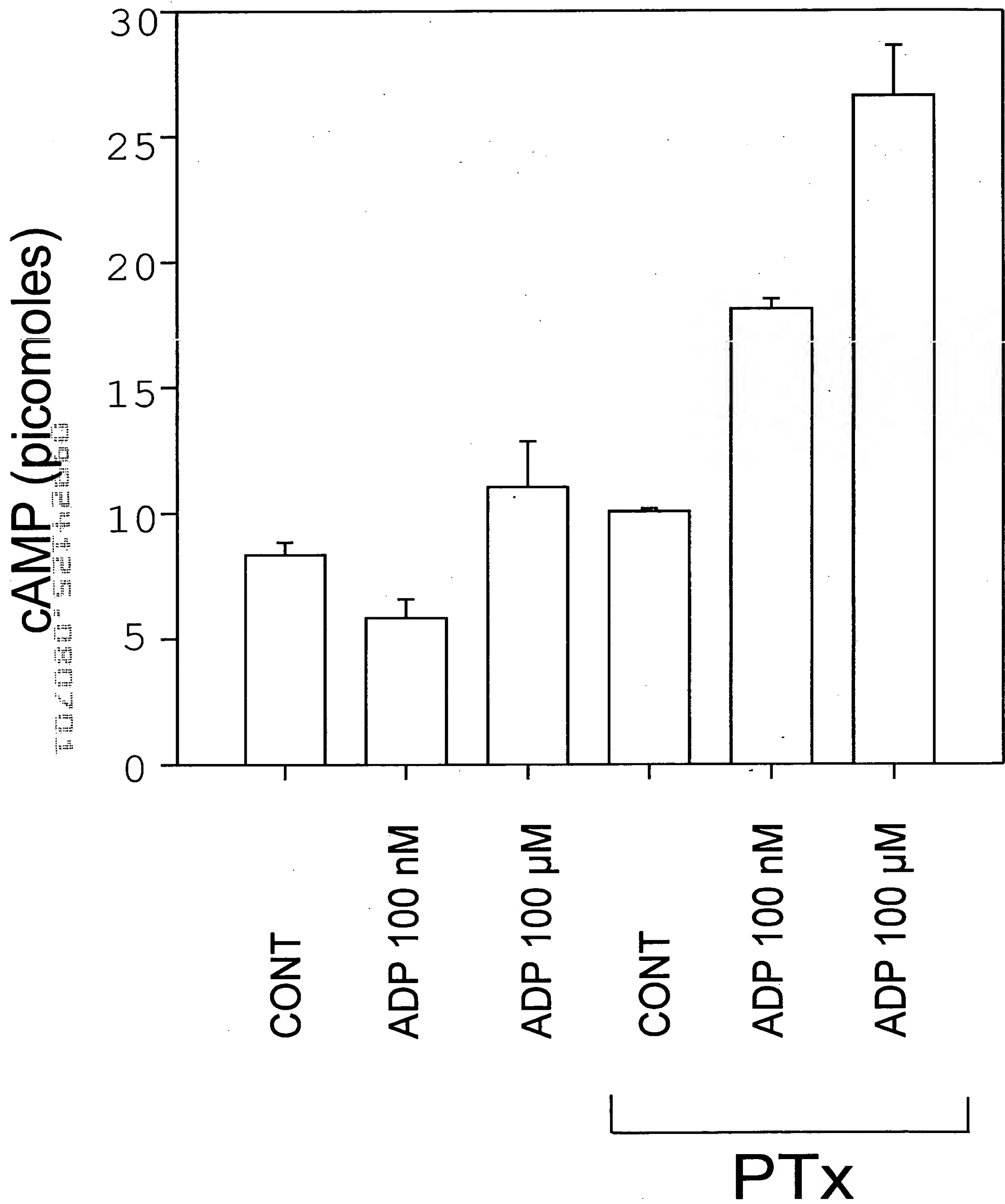
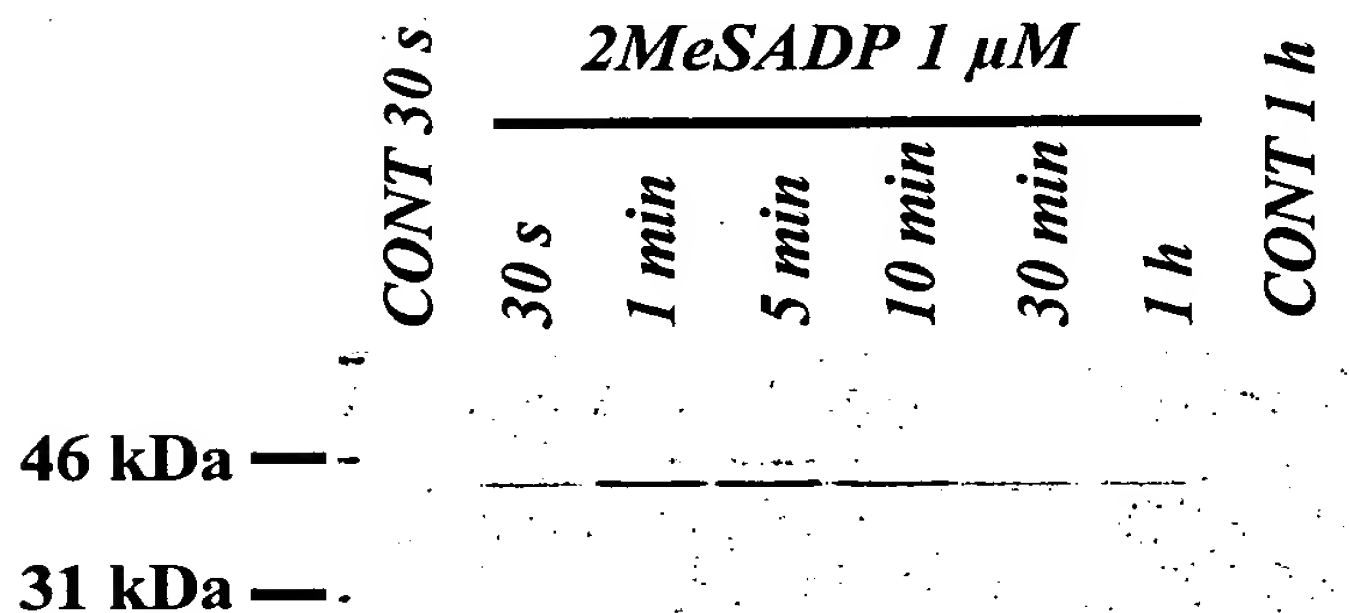
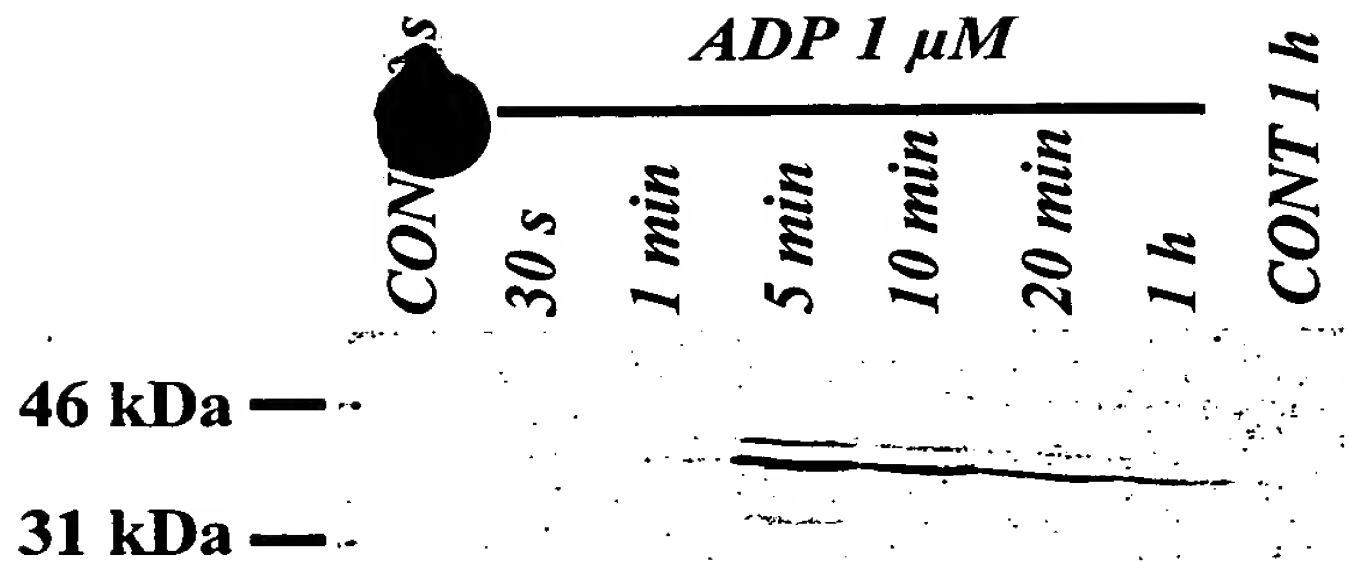




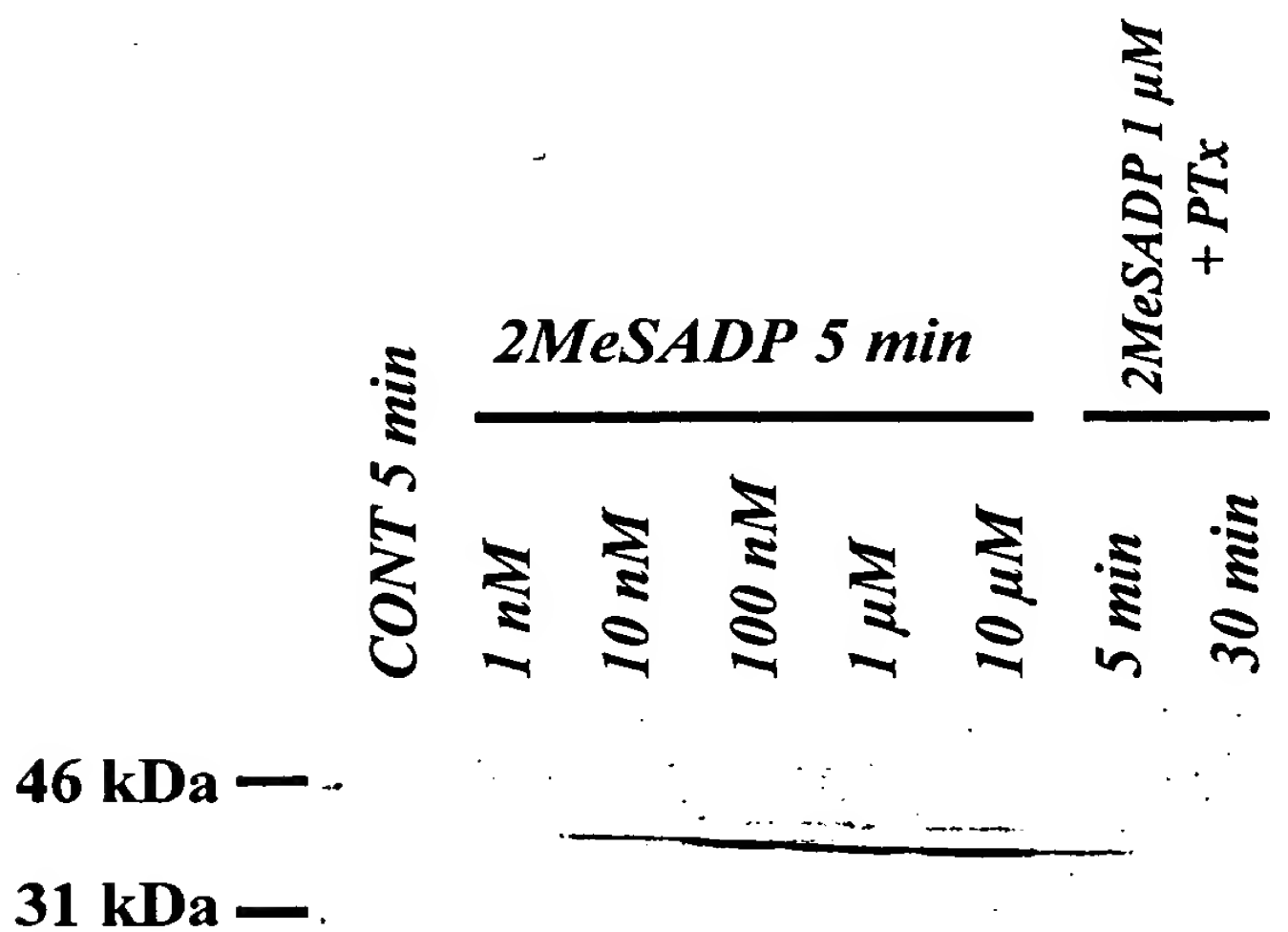
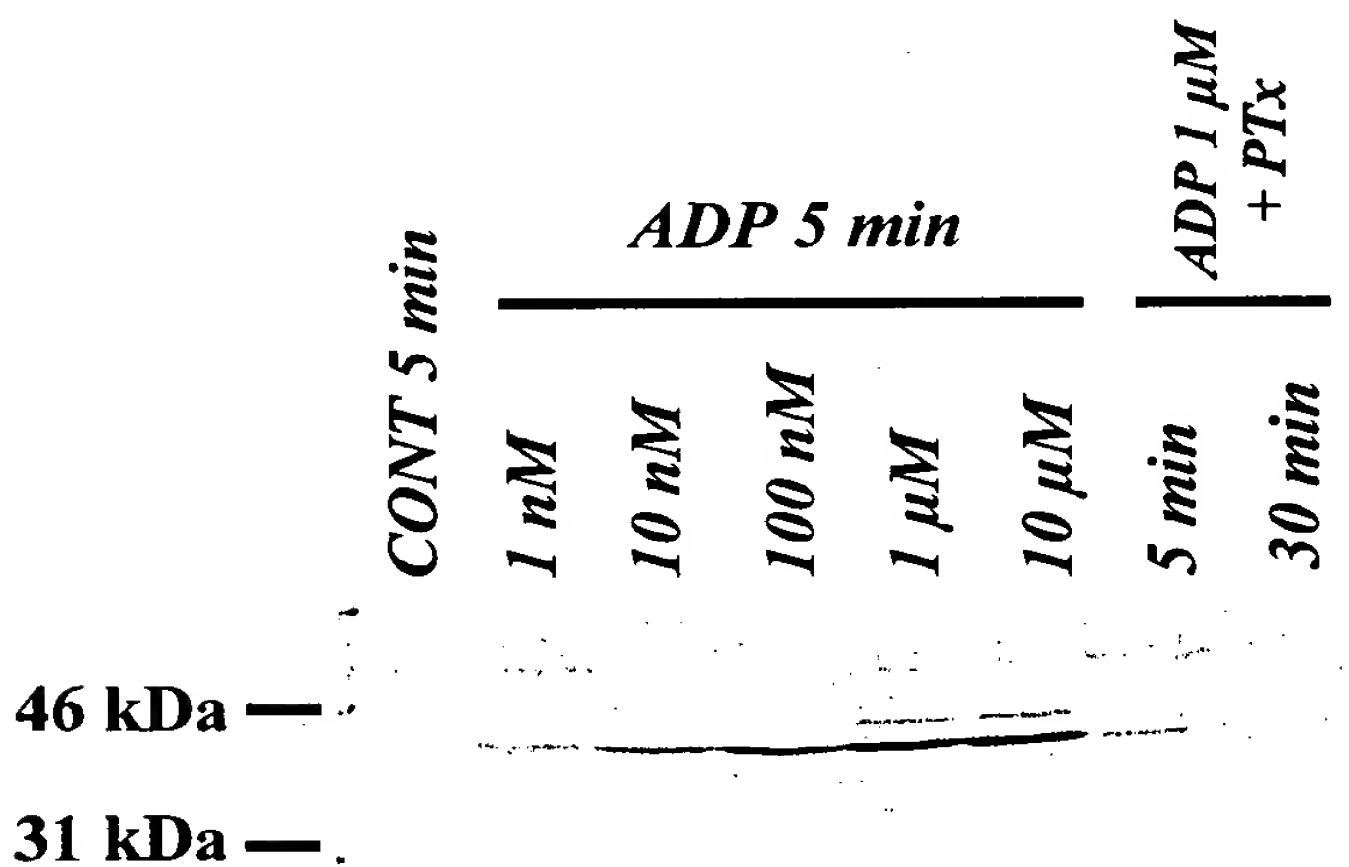
Figure 5B



**A**



**B**



**Figure 6**

**BEST AVAILABLE COPY**

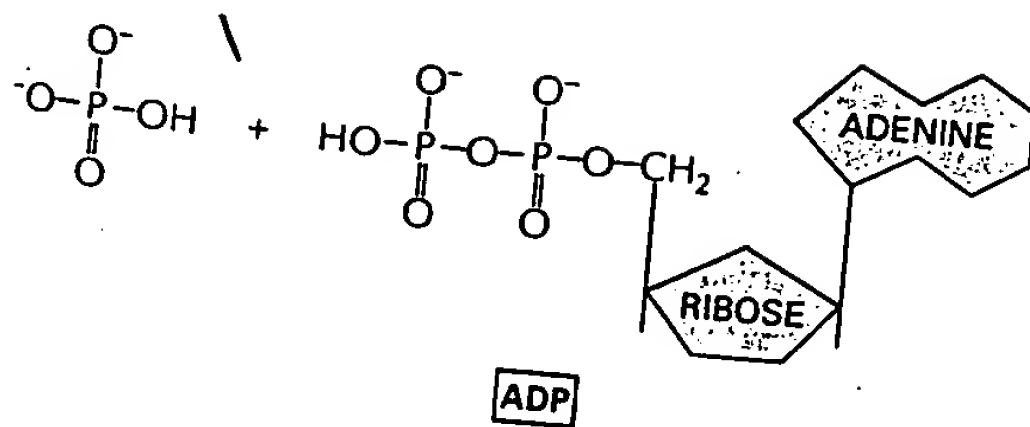


FIGURE 7

[illegible]